

# Train Speed and Train Technology

Train speed and train technology are classified into two categories.

## Diesel

This Tier 1 EIS evaluated diesel powered trains with travel at top speeds ranging from 79 mph to 125 mph.



\*Source: Amtrak.com

## Electric

This train technology utilizes electric power delivered directly to the trainset via overhead catenary power lines. This Tier 1 EIS evaluated electric train technology with top speeds between 125 mph and 220 mph.



\*Stock Photo by Bellena

Operating speeds will vary along each Corridor Alternative depending on a range of factors such as:

**Topography (i.e. grade) | Geometry (i.e. curves) | Distance Between Stations  
Dedicated Passenger Tracks vs. Tracks Shared with Freight Rail | Electric vs. Diesel Train Technology**

The selection of speed and train technology is deferred until a Tier 2 study.

Top operating speeds cannot be reached on all portions of the corridor.